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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/099,729	COOK, FRED S.
	Examiner Vijay B. Chawan	Art Unit 2654

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) 1-50 is/are rejected.
- 7) Claim(s) \_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. ____
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date ____.	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: ____.

## **DETAILED ACTION**

### ***Claim Objections***

1. Claim 24 is objected to because of the following informalities: Should claim 24 depend upon claim 21 instead of 1? The following rejection is based on the assumption that claim 24 is dependent on claim 21. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-50 are rejected under 35 U.S.C. 102(e) as being anticipated by Infosino (6,327,346).

As per claim 1, Infosino teaches a method of generating a voice recognition system, the method comprising:

receiving a first signal indicating a first user ID for a first user into a first device (Col.2, lines 13-19);

transferring a second signal indicating a first device ID for the first device and indicating the first user ID to a processing system (Col.3, lines 24-25);

in the processing system, obtaining a first device voice recognition profile based on the first device ID and obtaining a first user voice recognition profile based on the first user ID (Col.3, lines 29-42);

in the processing system, generating a first set of voice recognition data customized for the first device and the first user based on the first device voice recognition profile and the first user voice recognition profile (Col.3, lines 10-42);

transferring a third signal indicating the first set of the voice recognition data from the processing system to the first device (Col.4, lines 1-24);

in the first device, indicating voice command readiness in response to the first set of the voice recognition data (Col.4, lines 1-55);

receiving a first voice command from the first user into the first device (Col.3, lines 10-29); and,

in the first device, translating the first voice command based on the first set of the voice recognition data (Col.3, lines 42-62).

As per claim 2, Infosino teaches the method of claim 1, further comprising:

receiving a fourth signal indicating the first user ID into a second device (Col.6, lines 17-56);

transferring a fifth signal indicating a second device ID for the second device and indicating the first user ID to the processing system (Col.6, lines 17-56);

in the processing system, obtaining a second device voice recognition profile based on the second device ID and obtaining the first user voice recognition profile based on the first user ID, wherein the second device recognition profile is different from the first device voice recognition profile to reflect different voice recognition capabilities between the first device and the second device (Col.6, lines 17-56);

in the processing system, generating a second set of the voice recognition data customized for the second device and the first user based on the second device voice recognition profile and the first user voice recognition profile (Col.6, lines 17-56);

transferring a sixth signal indicating the second set of the voice recognition data from the processing system to the second device (Col.6, lines 17-56);

in the second device, indicating voice command readiness in response to the second set of the voice recognition data (Col.6, lines 17-56);

receiving a second voice command from the first user into the second device (Col.6, lines 17-56); and,

in the second device, translating the second voice command based on the second set of the voice recognition data (Col.6, lines 17-56).

As per claim 3, Infosino teaches the method of claim 1, further comprising:

receiving a fourth signal indicating a second user ID for a second user into the first device (Col.6, lines 17-56);

transferring a fifth signal indicating the first device ID and indicating the second user ID to a processing system (Col.6, lines 17-56);

in the processing system, obtaining the first device voice recognition profile based on the first device ID and obtaining a second user voice recognition profile based on the second user ID, wherein the second user voice recognition profile is different from the first user voice recognition profile to reflect different voice recognition characteristics between the first user and the second user (Col.6, lines 17-56);

in the processing system, generating a second set of the voice recognition data customized for the first device and the second user based on the first device voice recognition profile and the second user voice recognition profile (Col.6, lines 17-56);

transferring a sixth signal indicating the second set of the voice recognition data from the processing system to the first device (Col.6, lines 17-56);

in the first device, indicating voice command readiness in response to the second set of the voice recognition data (Col.6, lines 17-56);

receiving a second voice command from the second user into the first device (Col.6, lines 17-56); and,

in the first device, translating the second voice command based on the second set of the voice recognition data (Col.6, lines 17-56).

As per claim 4, Infosino teaches the method of claim 1, further comprising:

receiving a fourth signal indicating a second user ID for a second user into the second device (Col.6, lines 17-56);

transferring a fifth signal indicating the second device ID for the second device and indicating the second user ID to a processing system (Col.6, lines 17-56);

in the processing system, obtaining the second device voice recognition profile based on the second device ID and obtaining a second user voice recognition profile based on the second user ID, wherein the second device voice recognition profile is different from the first device voice recognition profile to reflect different voice recognition capabilities between the first device and the second device, and wherein the second user voice recognition profile is different from the user voice profile is different from the first user voice recognition profile to reflect different voice recognition characteristics between the first user and the second user (Col.6, lines 17-56);

in the processing system, generating a second set of the voice recognition data customized for the second device and the second user based on the second device voice recognition profile and the second user voice recognition profile (Col.6, lines 17-56);

transferring a sixth signal indicating the second set of the voice recognition data from the processing system to the second device (Col.6, lines 17-56);

in the second device, indicating voice command readiness in response to the second set of the voice recognition data (Col.6, lines 17-56);

receiving a second voice command from the second user into the second device (Col.6, lines 17-56); and,

in the second device, translating the second voice command based on the second set of the voice recognition data (Col.6, lines 17-56).

As per claim 5, Infosino teaches the method of claim 1, further comprising: transferring a fourth signal indicating new voice recognition data for the first user from

the first device to the processing system, and in the processing system, modifying the first user voice recognition profile based on the new voice recognition data for the first user (Col.5, lines 3-17).

As per claim 6, Infosino teaches the method of claim 1, further comprising: transferring a fourth signal indicating new voice recognition data for the first user from the first device to the processing system, and in the processing system, modifying the first user voice recognition profile based on the new voice recognition data for the first device (Col.5, lines 3-17).

As per claim 7, Infosino teaches the method of claim 1, wherein the second signal further indicates the first user voice recognition profile (Col.5, lines 3-17).

As per claim 8, Infosino teaches the method of claim 1, wherein the second signal further indicates the first device voice recognition profile (Col.5, lines 3-17).

As per claim 9, Infosino teaches the method of claim 9, wherein generating the first set of voice recognition data customized for the first device and the first user based on the first device voice recognition profile and the first user voice recognition profile comprises translating a command recognition library for the first user into a format suitable for the first device (Col.5, lines 3-17).

As per claim 10, Infosino teaches the method of claim 1, wherein translating the first voice command based on the first set of voice recognition data comprises converting audible user speech into an electronic signal indicating the first voice command (Col.2, lines 21-26).

As per claim 11, Infosino teaches a voice recognition system comprising:

a first device configured to receive a first signal indicating a first user ID for a first user, transfer a second signal indicating a first device ID for the first device and indicating the first user ID, receive a third signal indicating a first set of voice recognition data, indicate voice command readiness in response to the first set of the voice recognition data, receive a first voice command from the first user, and translate the first voice command based on the first set of the voice recognition data (Col.2, lines 13-19); and,

a processing system configured to receive the second signal, obtain a first device voice recognition profile based on the first device ID, obtain a first user voice recognition data customized for the first device and the first user based on the first device voice recognition profile and the first user voice recognition profile, and transfer the third signal (Col.4, lines 1-24).

As per claim 12, Infosino teaches the voice recognition system of claim 11, further comprising:

a second device configured to receive a fourth signal indicating the first user ID, transfer a fifth signal indicating the second device ID for the second device and indicating the first user ID, receive a sixth signal indicating a second set of the voice recognition data, indicate voice command readiness in response to the second set of the voice recognition data, receive a second voice command from the user, and translate the second voice command based on the second set of the voice recognition data (Col.6, lines 17-56); and wherein,

the processing system is further configured to receive the fifth signal, obtain a second device voice recognition profile based on the second device ID wherein the second device ID wherein the second device voice recognition profile is different from the first device voice recognition profile to reflect different voice recognition capabilities between the first device and the second device, obtain the first user voice recognition profile based on the first user ID, generate the second set of the vice recognition data customized for the second device and the first user based on the second device voice recognition profile and the first user voice recognition profile, and transfer a sixth signal (Col.6, lines 17-56).

As per claim 13, Infosino teaches the voice recognition system of claim 11, wherein:

the first device is further configured to receive a fourth signal indicating a second user ID for a second user, transfer a fifth signal indicating the first device ID and indicating the second user ID, receive a sixth signal indicating a second set of the voice recognition data, indicate voice command readiness in response to the second set of the voice recognition data, receive a second voice command from the second user, and translate the second voice command based on the second set of the voice recognition data (Col.6, lines 17-56); and,

the processing system is further configured to receive the fifth signal, obtain the first device voice recognition profile based on the first device ID, obtain a second user voice recognition profile based on the second user ID wherein the second user voice recognition profile is different from the first user voice recognition profile to reflect

different voice recognition characteristics between the first user and the second user, generate the second set of the voice recognition data customized for the first device and the second user based on the first device voice recognition profile and the second user voice recognition profile, and transfer the sixth signal (Col.6, lines 17-56).

As per claim 14, Infosino teaches the voice recognition system of claim 11, further comprising:

a second device configured to receive a fourth signal indicating a second user ID for a second user, transfer a fifth signal indicating a second device ID for the second device and indicating the second user ID, receive a sixth signal indicating a second set of the voice recognition data, indicate voice command readiness in response to the second set of the voice recognition data, receive a second voice command from the second user, and translate the second voice command based on the second set of the voice recognition data (Col.6, lines 17-56); and wherein,

the processing system is further configured to receive the fifth signal, obtain a second device voice recognition profile based on the second device ID wherein the second device voice recognition profile is different from the first device voice recognition profile to reflect different voice recognition capabilities between the first device and the second device, obtain a second user voice recognition profile based on the second user ID wherein the second user voice recognition profile is different from the first user voice recognition profile to reflect different voice recognition characteristics between the first user and the second user, generate the second set of the voice recognition data customized for the second device and the second user based on the second device

voice recognition profile and the second user voice recognition profile, and transfer the sixth signal (Col.6, lines 17-56).

As per claim 15, Infosino teaches the voice recognition system of claim 11, wherein the first device is further configured to transfer a fourth signal indicating new voice recognition data for the first user, and the processing system is further configured to modify the first user voice recognition profile based on the new voice recognition data for the first user (Col.5, lines 3-17).

As per claim 16, Infosino teaches the voice recognition system of claim 11, wherein the first device is further configured to transfer a fourth signal indicating new voice recognition data for the first device, and, the processing system is further configured to modify the first device voice recognition profile based on the new voice recognition data for the first device (Col.5, lines 3-17).

As per claim 17, Infosino teaches the voice recognition system of claim 11 wherein the second signal further indicates the first user voice recognition profile (Col.5, lines 3-17).

As per claim 18, Infosino teaches the voice recognition system of claim 11 wherein the second signal further indicates the first device voice recognition profile (Col.5, lines 3-17).

As per claim 19, Infosino teaches the voice recognition system of claim 11 wherein the processing system is configured to translate a command recognition library for the first user into a format suitable for the first device (Col.5, lines 3-17).

As per claim 20, Infosino teaches the voice recognition system of claim 11, wherein the first device is configured to convert audible user speech into an electronic signal indicating the first voice command based on the first set of the voice recognition data (Col.2, lines 21-36).

As per claim 21, Infosino teaches a method of operating a processing system for a voice recognition system, the method comprising:

receiving a first signal from a first device indicating a first user ID for a first user and a first device ID for the first device (Col.2, lines 13-19);

obtaining a first device voice recognition profile based on the first device ID and obtaining a first user voice recognition profile based on the first user ID (Col.3, lines 29-42);

generating a first set of voice recognition data customized for the first device and the first user based on the first device voice recognition profile and the first user voice recognition profile (Col.3, lines 10-42); and,

transferring a second signal to the first device indicating the first set of the voice recognition data (Col.3, lines 24-25).

As per claim 22, Infosino teaches the method of claim 21 further comprising:

receiving a third signal from a second device indicating a first user ID and a second device ID for the second device (Col.6, lines 17-56);

obtaining a second device voice recognition profile based on the second device ID wherein the second device voice recognition profile is different from the first device voice recognition profile to reflect different voice recognition capabilities between the

first device and the second device and obtaining the first user voice recognition profile based on the first user ID (Col.6, lines 17-56);

generating a second set of the voice recognition data customized for the second device and the first user based on the second device voice recognition profile and the first user voice recognition profile (Col.6, lines 17-56); and,

transferring a fourth signal to the second device indicating the second set of the voice recognition data (Col.6, lines 17-56).

As per claim 23, Infosino teaches the method of claim 21 further comprising:

receiving a third signal from the first device indicating a second user ID for a second user and the first device ID (Col.6, lines 17-56);

obtaining the first device voice recognition profile based on the first device ID and obtaining a second user voice recognition profile based on the second user ID wherein the second user voice recognition profile is different from the first user voice recognition profile to reflect different voice recognition characteristics between the first user and the second user (Col.6, lines 17-56);

generating a second set of the voice recognition data customized for the first device and the second user based on the first device voice recognition profile and the second user voice recognition profile (Col.6, lines 17-56); and,

transferring a fourth signal to the first device indicating the second set of the voice recognition data (Col.6, lines 17-56).

As per claim 24, Infosino teaches the method of claim 21 further comprising:

receiving a third signal from a second device indicating a second user ID for a second user and second device ID for the second device (Col.6, lines 17-56);

obtaining a second device voice recognition profile based on the second device ID and obtaining a second user voice recognition profile based on the second user ID, wherein the second device voice recognition profile is different from the first device voice recognition profile to reflect different voice recognition capabilities between the first device and the second device, and wherein the second user voice recognition profile is different from the first user voice recognition profile to reflect different voice recognition characteristics between the first user and the second user (Col.6, lines 17-56);

generating a second set of the voice recognition data customized for the second device and the second user based on the second device voice recognition profile (Col.6, lines 17-56); and,

transferring a fourth signal to the second device indicating the second set of the voice recognition data (Col.6, lines 17-56).

As per claim 25, Infosino teaches the method of claim 21 further comprising:

receiving a third signal indicating new voice recognition data for the first user from the first device, modifying the first user voice recognition profile based on the new voice recognition data for the first user (Col.5, lines 3-17).

As per claim 26, Infosino teaches the method of claim 21 further comprising:

receiving a fourth signal indicating new voice recognition data for the first device from the first device, and, modifying the first device voice recognition profile based on the new voice recognition data for the first device (Col.5, lines 3-17).

As per claim 27, Infosino teaches the method of claim 21 wherein the first signal further indicates the first user voice recognition profile (Col.5, lines 3-17).

As per claim 28, Infosino teaches the method of claim 21 wherein the fist signal further indicates the first device voice recognition profile (Col.5, lines 3-17).

As per claim 29, Infosino teaches the method of claim 21 wherein generating the first set of the voice recognition data customized for the first device and the first user based on the first device voice recognition profile and the first user voice recognition profile comprises translating a command recognition library for the first user into a format suitable for the first device (Col.5, lines 3-17).

As per claim 30, Infosino teaches the method of claim 21 wherein the first set of the voice recognition data is configured to allow the first device to convert audible user speech into an electronic signal indicating a voice command (Col.2, lines 21-26).

As per claim 31, Infosino teaches a processing system for a voice recognition system, the processing system comprising:

a communication interface configured to receive a first signal from a first device indicating a first user ID for a first user and a first device ID for the first device and transfer a second signal to the first device indicating a first set of voice recognition data (Col.2, lines 13-19, Col.3, lines 24-25); and,

a control system coupled to the communication interface and configured to obtain a first device voice recognition profile based on the first device ID, obtain a first user voice recognition profile based on the first user ID, and generate the first set of the voice recognition data customized for the first device and the first user based on the first device voice recognition profile and the first user voice recognition profile (Col.3, lines 10-42).

As per claim 32, Infosino teaches the processing system of claim 31 wherein:

the communication interface is further configured to receive a third signal from a second device indicating the first user ID and a second device ID for the second device and transfer a fourth signal to the second device indicating a second set of the voice recognition data (Col.6, lines 17-56); and

the control system is further configured to obtain a second device voice recognition profile based on the second device ID wherein the second device voice recognition profile is different from the first device voice recognition profile to reflect different voice recognition capabilities between the first device and the second device, obtain the first user voice recognition profile based on the first user ID, and generate the second set of the voice recognition data customized for the second device and the first user based on the second device voice recognition profile and the first user profile recognition profile (Col.6, lines 17-56).

As per claim 33, Infosino teaches the processing system of claim 31 wherein:

the communication interface is further to receive a third signal from the first device indicating a second user ID for a second user and the first device ID and transfer

a fourth signal to the first device indicating a second set of the voice recognition data (Col.6, lines 17-56); and,

the control system is further configured to obtain the first device voice recognition profile based on the first device ID, obtain a second user voice recognition profile based on the second user ID wherein the second user voice recognition profile is different from the first user voice recognition profile to reflect different voice recognition characteristics between the first user and the second user, and generate the second set of the voice recognition data customized for the first device and the second user based on the first device voice recognition profile and the second user recognition profile (Col.6, lines 17-56).

As per claim 34, Infosino teaches the processing system of claim 31 wherein:

the communication interface is further configured to receive a third signal from a second device indicating a second user ID for a second user and a second device ID for the second device and transfer a fourth signal to the second device indication a second set of the voice recognition data (Col.6, lines 17-56); and,

the control system is further configured to obtain a second device voice recognition profile based on the second device ID wherein the second device voice recognition profile is different from the first device voice recognition profile to reflect different voice recognition capabilities between the first device and the second device, obtain a second user voice recognition profile based on the second user ID wherein the second user voice recognition profile is different from the first user voice recognition profile to reflect different voice recognition characteristics between the first user and the

second user, and generate the second set of the voice recognition data customized for the second device and the second user based on the second device voice recognition profile and the second user voice recognition profile (Col.6, lines 17-56).

As per claim 35, Infosino teaches the processing system of claim 31 wherein the communication interface is further configured to receive a third signal from the first device indicating new voice recognition data for the first user, and, the control system is further configured to modify the first user voice recognition profile based on the new voice recognition data for the first user (Col.5, lines 3-17).

As per claim 36, Infosino teaches the processing system of claim 31 wherein the communication interface is further configured to receive a third signal from the first device indicating new voice recognition data for the first device, and, the control system is further configured to modify the first device voice recognition profile based on the new voice recognition data for the first device (Col.5, lines 3-17).

As per claim 37, Infosino teaches the processing system of claim 31 wherein the first signal further indicates the first user voice recognition profile (Col.5, lines 3-17).

As per claim 38, Infosino teaches the processing system of claim 31 wherein the first signal further indicates the first device voice recognition profile (Col.5, lines 3-17).

As per claim 39, Infosino teaches the processing system of claim 31 wherein the control system is configured to translate a command recognition library for the first user into a format suitable for the first device (Col.5, lines 3-17).

As per claim 40, Infosino teaches the processing system of claim 31 wherein the first set of the voice recognition data is configured to allow the first device to convert

audible user speech into an electronic signal indicating a voice command (Col.2, lines 21-26).

Claims 41-50 are directed toward a software product for a voice recognition system, similar in scope and content of the claimed system of claims 31-40 and are rejected under similar rationale.

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ng et al., (6,529,585) teach voice label processing apparatus and method.

Bassenyemukasa et al., (5,623,539) teach using voice signal analysis to identify authorized users of a telephone system.

Irvin (6,195,568) teaches a radiotelephone adapted to the identity of its user.

Vander Molen (4,520,576) teaches conversational voice command control system for home appliance.

Root et al., (5,600,781) teach a method and apparatus for creating a portable personalized operating environment.

Infosino (6,839,410) teaches a method and apparatus for setting user communication parameters based on voice identification of users.

Shaffer et al., 96,853,716) teach a system and method for identifying a participant during a conference call.

Zafar et al., (US 2004/0076272) teach a voice mail integration with instant messenger.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vijay B. Chawan whose telephone number is (571) 272-7601. The examiner can normally be reached on Monday Through Friday 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richemond Dorvil can be reached on (571) 272-7602. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Vijay B. Chawan  
Primary Examiner  
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PRIMARY EXAMINER

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11/28/05